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ABSTRACT

Part of a large scale research project to test various theories with regard to their ability to analyze international relations, this monograph presents data on the application of distance theory to patterns of cooperation among nations. Distance theory implies that international relations systems (nations, organizations, individuals, etc.) can be located in a multidimensional field and compared to other systems with regard to interaction and value variables. Comparison is measured in terms of distance above or below a given system with regard to scores on the same variables. In this monograph, distance theory was applied to a single index--World Event Information Survey (WEIS) conflict data, which was created using the "New York Times" as a data source. Variables of particular interest included domestic violence, economic development, political stability, population density, duration of national independence, colonial experience, military power, power base, and health conditions. All of the independent variables treated are factors--that is, composite indexes generated out of a number of related variables using the technique of factor analysis. The method involved when applying distance theory to cooperation/conflict data included assigning a negative or positive parameter weight to each nation on each predictive factor (economic development, etc.) which indicated the kind of behavioral exportation engaged in by that state relative to other states: comparing positive and negative type nations in terms of similarity of model and attribute type: and correlating various factor scores. The computer printout of the statistical analysis (second stage factor analysis) which is included in the document, shows characteristics of negative and positive weight nations and indicates how conflict export patterns cluster. (Author/DB)

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# ATTRIBUTES AND NATIONAL BEHAVIOR, PART 2: MODERN INTERNATIONAL RELATIONS MONOGRAPH SERIES.
## PATTERNS OF COOPERATION: DISTANCE THEORY

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PART 2 CONSISTS OF 42 MONOGRAPHS OF A LARGE SCALE PROJECT TESTING SEVERAL ATTRIBUTE, ATTRIBUTE DISTANCE BASED THEORIES. EACH RESEARCH MONOGRAPH IS NUMBERED AND GIVEN A SUB-TITLE, LISTED BELOW. EACH FOCUSES UPON SOME ASPECT OF A LARGE SCALE RESEARCH EFFORT CORRELATING NATIONAL ATTRIBUTES TO INTERNATIONAL BEHAVIOR. ALL MONOGRAPHS CAN BE PRINTED FROM TAPE BY COMPUTER.

TAPE SPECS ARE: 9 TRACK, 800 BPI, EBCDIC, 132 CHARACTER RECORDS, 2400 FEET.

NOTE! SINCE THE CODEBOOK WAS PUBLISHED, MONOGRAPHS 1-6, 10, 27 AND 39 HAVE BEEN FURTHER EDITED, REDUNDANCY REMOVED AND GATHERED TOGETHER UNDER THE TITLE OF: PROJECT THEORY: INTERPRETATIONS AND POLICY RELEVANCE. THIS COLECTION MAY BE FOUND IN FILE 8. SINCE IT IS UPDATED, IT IS RECOMENDED THAT THIS FILE BE USED INSTEAD OF THE ORIGINAL MATERIALS IN THE APPROPRIATE CASES. IN THE CASE OF THE OTHER FILES, THEY RETAIN THE ORIGINAL BUILT-IN REDUNDANCY.

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NOTE: ALL MONOGRAPHS ON TAPE ARE SET UP TO PRINT ON A UNIVAC DOCUMENT PROCESSOR. SPECIAL PROGRAMS TO ASSIST IN PRINTING ON A DECWRITER II FOR UPPER AND LOWER CASE, DOUBLE SPACE, LENGTH ADJUSTED FOR THE DECWRITER AND WITH FOOTNOTE CAPABILITY, ARE CONTAINED IN MONOGRAPH 26. TABLES OR FIGURES THAT GO BEYOND 80 COLUMNS MAY BE FOLDED IF THE DOCUMENT PROCESSOR IS USED. IF THIS IS UNDESIRABLE, THEY CAN BE PRINTED BY OTHER STANDARD PRINT COMMANDS, SUCH AS AN EDITOR PROGRAM, WHICH CAN PRINT, WITHOUT FOLDING, TO 132 COLUMNS. ALSO, DOCUMENT COMMANDS ARE INVISIBLE IN THE COPY ONLY IF THE DOCUMENT PROCESSOR IS USED. IF OTHER PRINT COMMANDS ARE USED, THE DOCUMENT COMMANDS WILL BE VISIBLE, I.E., WILL APPEAR AS >DOUBLE>, >SPACE>, ETC. AND ARE LEFT JUSTIFIED. IF THEY ARE NOT NEEDED, THEY CAN BE IGNORED OR EDITED OUT. ALL MONOGRAPHS ARE IN MIXED UPPER AND LOWER CASE, EXCEPT MONOGRAPHS 19 AND 26, WHICH ARE IN UPPER CASE ONLY.

# Attributes and National Behavior:

## Modern International Relations Monograph Series

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PATTERNS OF COOPERATION: DISTANCE THEORY

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THE ANALYSIS THAT FOLLOWS IS A COMPONENT OF A LARGER RESEARCH EFFORT THE PURPOSE OF WHICH IS TO TEST ATTRIBUTE THEORY (RUMMEL, 1969A), SOCIAL FIELD THEORY (RUMMEL, 1969A), DISTANCE THEORY (VINCENT, 1975), AND RELATIVE STATUS-FIELD THEORY, TREATING RELATIVE T = TOPDOG AND U = UNDERDOG BEHAVIOR IN THE INTERNATIONAL SYSTEM (VINCENT, 1976). ALL THEORIES ARE TESTED ON THE SAME, 1966-69, WEIS (AGGREGATED) DATA.

FULL TECHNICAL TREATMENT OF THE THEORIES AND METHODS IS GIVEN ELSEWHERE AND WILL NOT BE REPEATED HERE. THAT IS, DETAILS, SUCH AS THE CONSTRUCTION OF A-SPACE (ATTRIBUTE SPACE) OR D-SPACE (DISTANCE SPACE), ETC. CAN BE OBTAINED FROM THE RELEVANT BIBLIGRAPHIC ENTRIES. ELABORATE TECHNICAL DISCUSIONS, HOWEVER, ARE NOT REALLY NECESSARY TO UNDERSTAND OR USE THE RESULTS GENERATED HERE. IT SHOULD BE CLEAR, HOWEVER, THAT ALL OF THE INDEPENDENT VARIABLES TREATED, SUCH AS ECONOMIC DEVELOPMENT, ARE >FACTORS>, THAT IS, COMPOSITE INDEXES GENERATED OUT OF A NUMBER OF RELATED VARIABLES, USING THE TECHNIQUE OF FACTOR ANALYSIS.

WHEN THE THEORIES ARE APPLIED, EACH NATION RECIEVES A NEGATIVE OR POSITIVE PARAMETER WEIGHT ON EACH PREDICTIVE FACTOR, SUCH AS ECONOMIC DEVELOPMENT, WHICH INDICATES THE KIND OF BEHAVIORAL EXPORTATION ENGAGED IN BY THAT STATE RELATIVE TO OTHER STATES.

THE ANALYSIS PRESENTED HERE INDICATES THE RESULTS THAT OCCUR WHEN + TYPE NATION EXPORTERS ARE COMPARED TO - TYPE NATION EXPORTERS IN TERMS OF SIMILARITY OF MODEL AND ATTRIBUTE TYPE.

THIS WILL BE ACCOMPLISHED BY TWO MODES OF ANALYSIS.

THE FIRST MODE WILL BE TO PERFORM A FACTOR ANALYSIS ON THE WEIGHTS OF THE NATIONS ACROSS THE PREDICTOR DIMENSIONS. THE SECOND WILL BE TO CORRELATE THE FACTOR SCORES OF A-SPACE WITH THE FACTOR SCORES GENERATED FROM THE ANALYSIS OF THE WEIGHTS.

THESE MODES OF ANALYSIS WILL SHOW HOW CONFLICT EXPORT PATTERNS CLUSTER, HOW NATIONS ARE, IN FACT, LOCATED ON SUCH CLUSTERS AND REVEAL CHARACTERISTICS OF + VS. - WEIGHT NATIONS.

THE RESULTS FOLLOW:

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DISTANCE THEORY, COOPERATION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

12 POPULATION SIZE CLOSENESS
+.50
29 PER CAPITA ECONOMIC ACTIVE MALE POPULATION CLOSENESS
+.69

THESE I'S ARE:

VARIABLE NUMBER 1

58 NORTH KOREA
2.28
53 ITALY
2.19
101 TURKEY
2.15
47 INDIA
2.11
92 SPAIN

2.05

43 HAITI

1.94

78 PAKISTAN

1.90

35 FRANCE

1.69

49 IRAN

1.61

20 CHINA, PR

1.61

97 THAILAND

1.40

38 WEST GERMANY

1.30

111 SOUTH VIETNAM

1.29

104 U.A.R.

1.26

75 NIGER

1.24

110 NORTH VIETNAM

1.21

13 CAMBODIA

1.16

113 YUGOSLAVIA

1.10

95 SWITZERLAND

1.09

112 YEMEN

1.02

31 ECUADOR

1.02

128 BARBADOS

1.01

40 GREECE

.93

76 NIGERIA

.92

68 MEXICO

.88

56 JAPAN

.87

42 GUINEA

.78

69 MONGOLIA

.67

59 SOUTH KOREA

.66

85 ROMANIA

.66

93 SUDAN

.56

87 SAUDI ARABIA

.56

62 LIBERIA

.54

1 AFGHANISTAN

.50

44 HONDURAS

.38

17 CEYLON

.37

21 COLOMBIA

.33

90 SOMALIA

.32

10 BULGARIA

.31

67 MAURITANIA

.29

39 GHANA

.26

54 IVORY COAST

.25

84 PORTUGAL

.23

105 UNITED KINGDOM

.15

86 RWANDA

.15

24 COSTA RICA

.14

9 BRAZIL

.12

108 URUGUAY

.12

33 ETHIOPIA

.11

70 MOROCCO

.10

30 DOMINICAN REPUBLIC

.07

22 CONGO (BRA)

.06

55 JAMAICA

.06

64 LUXEMBOURG

.06

66 MALI

.06

28 DAHOMEY

.06

46 ICELAND

.06

80 PARAGUAY

.06

45 HUNGARY

.06

99 TRINIDAD

.06

14 CAMEROUN

.06

107 UPPER VOLTA

.06

114 BOTSWANA

.06

117 LESOTHO

.06

123 W. SAMOA

.06

74 NICARAGUA

.05

6 AUSTRIA

.03

79 PANAMA

.01

94 SWEDEN

.01

106 UNITED STATES

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LOW ECONOMIC DEVELOPMENT, HIGH POWER BASE, AND LONG NATIONAL INDEPENDENCE

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

12 POPULATION SIZE DISTANCE
-.50
29 PER CAPITA ECONOMIC ACTIVE MALE POPULATION DISTANCE
-.69

THESE I'S ARE:

57 JORDAN
-.03
32 EL SALVADOR
-.06
83 POLAND
-.07
36 GABON
-.08
122 KENYA

-.12

23 CONGO (LEO)

-.14

89 SIERRA LEONE

-.15

2 ALBANIA

-.20

12 BURUNDI

-.23

11 BURMA

-.25

98 TOGO

-.26

60 LAOS

-.28

72 NETHERLANDS

-.30

19 CHILE

-.30

18 CHAD

-.33

125 GUYANA

-.35

118 MALAWI

-.38

7 BELGIUM

-.38

127 MALDIVE ISLANDS

-.38

48 INDONESIA

-.43

115 GAMBIA

-.44

4 ARGENTINA

-.49

126 MALAYSIA

-.50

82 PHILIPPINES

-.51

16 CENTRAL AFRICAN REP

-.54

51 IRELAND

-.54

5 AUSTRALIA

-.58

65 MALAGASY REP

-.63

103 U.S.S.R

-.66

50 IRAQ

-.67

41 GUATEMALA

-.69

29 DENMARK

-.69

26 CYPRUS

-.72

25 CUBA

-.74

91 SOUTH AFRICA

-.77

8 BOLIVIA

-.78

81 PERU

-.79

53 LIBYA

-.88

71 NEPAL

-.90

121 ZAMBIA

-.94

61 LEBANON

-.96

27 CZECHOSLOVAKIA

-.96

73 NEW ZEALAND

-.99

52 ISRAEL

-1.01

3 ALGERIA

-1.15

120 TANZANIA

-1.21

102 UGANDA

-1.23

124 SINGAPORE

-1.26

37 EAST GERMANY

-1.33

88 SENEGAL

-1.36

77 NORWAY

-1.43

34 FINLAND

-1.50

100 TUNISIA

-1.53

96 SYRIA

-1.71

116 KUWAIT

-1.82

119 MALTA

-2.73

109 VENEZUELA

-3.12

15 CANADA

-3.32

THEY TEND TO HAVE THE CHARACTERISTICS OF:

HIGH ECONOMIC DEVELOPMENT, LOW POWER BASE, RECENT NAT'L INDEPEN.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

14 ENERGY PRODUCTION DISTANCE

.80

01 POWER BASE DISTANCE

.68

12 POPULATION SIZE DISTANCE

.53

THESE I'S ARE:

VARIABLE NUMBER 2

52 ISRAEL

1.92

100 TUNISIA

1.81

121 ZAMBIA

1.71

39 GHANA

1.61

13 CAMBODIA

1.60

43 HAITI

1.56

60 LAOS

1.52

57 JORDAN

1.50

126 MALAYSIA

1.49

112 YEMEN

1.42

120 TANZANIA

1.34

93 SUDAN

1.25

104 U.A.R.

1.22

31 ECUADOR

1.22

34 FINLAND

1.21

33 ETHIOPIA

1.19

42 GUINEA

1.16

22 CONGO (BRA)

1.14

75 NIGER

1.11

62 LIBERIA

1.02

25 CUBA

1.02

9 BRAZIL

.93

70 MOROCCO

.91

111 SOUTH VIETNAM

.90

89 SIERRA LEONE

.89

96 SYRIA

.86

40 GREECE

.86

1 AFGHANISTAN

.86

29 DENMARK

.85

88 SENEGAL

.84

61 LEBANON

.83

59 SOUTH KOREA

.83

84 PORTUGAL

.82

8 BOLIVIA

.79

36 GABON

.77

71 NEPAL

.73

118 MALAWI

.70

90 SOMALIA

.70

7 BELGIUM

.68

127 MALDIVE ISLANDS

.62

110 NORTH VIETNAM

.60

23 CONGO (LEO)

.54

67 MAURITANIA

.52

48 INDONESIA

.50

6 AUSTRIA

.47

17 CEYLON

.41

95 SWITZERLAND

.26

125 GUYANA

.23

115 GAMBIA

.23

65 MALAGASY REP

.20

128 BARBADOS

.18

69 MONGOLIA

.17

98 TOGO

.16

63 LIBYA

.14

11 BURMA

.13

12 BURUNDI

.11

51 IRELAND

.11

102 UGANDA

.10

24 COSTA RICA

.07

92 SPAIN

.04

54 IVORY COAST

.04

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LOW ECONOMIC DEVELOPMENT, SMALL POWER BASE, AND LOW ENERGY PRODUCTION.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

14 ENERGY PRODUCTION CLOSENESS

-.80

01 POWER BASE CLOSENESS

-.68

12 POPULATION SIZE CLOSENESS

-.53

THESE I'S ARE:

14 CAMEROUN

-.01

64 LUXEMBOURG

-.01

66 MALI

-.01

28 DAHOMEY

-.01

46 ICELAND

-.01

80 PARAGUAY

-.01

99 TRINIDAD

-.01

107 UPPER VOLTA

-.01

114 BOTSWANA

-.01

117 LESOTHO

-.01

55 JAMAICA

-.01

123 W. SAMOA

-.01

73 NEW ZEALAND

-.02

124 SINGAPORE

-.06

94 SWEDEN

-.07

77 NORWAY

-.09

72 NETHERLANDS

-.14

5 AUSTRALIA

-.14

78 PAKISTAN

-.14

119 MALTA

-.15

76 NIGERIA

-.16

30 DOMINICAN REPUBLIC

-.18

108 URUGUAY

-.21

3 ALGERIA

-.24

32 EL SALVADOR

-.25

4 ARGENTINA

-.25

79 PANAMA

-.33

101 TURKEY

-.33

116 KUWAIT

-.43

113 YUGOSLAVIA

-.45

19 CHILE

-.51

58 NORTH KOREA

-.52

50 IRAQ

-.56

2 ALBANIA

-.60

97 THAILAND

-.60

122 KENYA

-.63

53 ITALY

-.66

18 CHAD

-.69

10 BULGARIA

-.71

21 COLOMBIA

-.74

26 CYPRUS

-.80

81 PERU

-.83

41 GUATEMALA

-.86

87 SAUDI ARABIA

-.87

91 SOUTH AFRICA

-.88

45 HUNGARY

-.90

49 IRAN

-.99

44 HONDURAS

-.99

47 INDIA

-1.00

56 JAPAN

-1.12

82 PHILIPPINES

-1.13

86 RWANDA

-1.19

68 MEXICO

-1.27

27 CZECHOSLOVAKIA

-1.27

15 CANADA

-1.31

16 CENTRAL AFRICAN REP

-1.36

106 UNITED STATES

-1.49

74 NICARAGUA

-1.51

20 CHINA, PR

-1.89

103 U.S.S.R

-1.92

105 UNITED KINGDOM

-1.97

35 FRANCE

-2.00

38 WEST GERMANY

-2.08

37 EAST GERMANY

-2.16

83 POLAND

-2.32

109 VENEZUELA

-2.53

85 ROMANIA

-2.97

THEY TEND TO HAVE THE CHARACTERISTICS OF:
HIGH ECONOMIC DEVELOPMENT, HIGH POWER BASE, AND HIGH ENERGY PRODUCTION.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 3

08 DATE OF INDEPENDENCE DISTANCE

.59

05 INTERNAL POLITICAL TURMOIL CLOSENESS

.54

28 REGULAR EXECUTIVE TRANSFERS DISTANCE

.68

THESE I'S ARE:

VARIABLE NUMBER 3

65 MALAGASY REP
3.46
110 NORTH VIETNAM
2.50
63 LIBYA
2.16
91 SOUTH AFRICA
1.99
115 GAMBIA
1.95
125 GUYANA
1.84
100 TUNISIA
1.41
89 SIERRA LEONE
1.39
75 NIGER
1.36
121 ZAMBIA
1.35

51 IRELAND
1.28
67 MAURITANIA
1.22
88 SENEGAL
1.19
3 ALGERIA
1.17
90 SOMALIA
1.11
103 U.S.S.R
1.08
127 MALDIVE ISLANDS
1.08
82 PHILIPPINES
1.02
106 UNITED STATES
.95
111 SOUTH VIETNAM
.94
124 SINGAPORE
.93
86 RWANDA
.91
87 SAUDI ARABIA
.88

118 MALAWI

.86

48 INDONESIA

.83

83 POLAND

.82

128 BARBADOS

.81

126 MALAYSIA

.80

76 NIGERIA

.76

93 SUDAN

.67

69 MONGOLIA

.63

36 GABON

.61

97 THAILAND

.60

60 LAOS

.59

25 CUBA

.59

1 AFGHANISTAN

.58

35 FRANCE

.50

119 MALTA

.48

77 NORWAY

.44

27 CZECHOSLOVAKIA

.44

113 YUGOSLAVIA

.42

43 HAITI

.41

58 NORTH KOREA

.39

47 INDIA

.38

37 EAST GERMANY

.32

46 ICELAND

.31

55 JAMAICA

.31

14 CAMEROUN

.31

64 LUXEMBOURG

.31

66 MALI
.31
80 PARAGUAY
.31
99 TRINIDAD
.31
107 UPPER VOLTA
.31
114 BOTSWANA
.31
117 LESOTHO
.31
123 W. SAMOA
.31
28 DAHOMEY
.31
10 BULGARIA
.23
49 IRAN
.22
26 CYPRUS
.22
94 SWEDEN
.21
12 BURUNDI
.13

70 MOROCCO

.08

120 TANZANIA

.07

95 SWITZERLAND

.05

98 TOGO

.02

THEY TEND TO HAVE THE CHARACTERISTICS OF:
MUCH POLITICAL INSTABILITY, RECENT NAT'L INDEP., LITTLE DOMESTIC VIOLENCE,
HIGH PER CAPITA INTERNAL SECURITY FORCE, AND OLD CURRENCY.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 3

08 DATE OF INDEPENDENCE CLOSENESS

.59

05 INTERNAL POLITICAL TURMOIL DISTANCE

-.54

28 REGULAR EXECUTIVE TRANSFERS CLOSENESS

-.68

THESE I'S ARE:

54 IVORY COAST
-.10
9 BRAZIL
-.11
33 ETHIOPIA
-.12
85 ROMANIA
-.15
20 CHINA, PR
-.16
23 CONGO (LEO)
-.17
7 BELGIUM
-.17
11 BURMA
-.18
79 PANAMA
-.22
101 TURKEY
-.22
74 NICARAGUA
-.22
15 CANADA
-.29

62 LIBERIA
-.29
122 KENYA
-.30
45 HUNGARY
-.33
68 MEXICO
-.39
73 NEW ZEALAND
-.41
16 CENTRAL AFRICAN REP
-.45
81 PERU
-.46
78 PAKISTAN
-.50
50 IRAQ
-.51
42 GUINEA
-.52
59 SOUTH KOREA
-.55
18 CHAD
-.62
5 AUSTRALIA
-.62

39 GHANA

-.64

2 ALBANIA

-.64

53 ITALY

-.66

30 DOMINICAN REPUBLIC

-.68

72 NETHERLANDS

-.68

41 GUATEMALA

-.69

104 U.A.R.

-.71

112 YEMEN

-.73

105 UNITED KINGDOM

-.75

34 FINLAND

-.76

84 PORTUGAL

-.80

108 URUGUAY

-.81

29 DENMARK

-.83

21 COLOMBIA

-.91

102 UGANDA

-.93

13 CAMBODIA

-.93

32 EL SALVADOR

-.94

22 CONGO (BRA)

-.98

31 ECUADOR

-.99

38 WEST GERMANY

-1.11

6 AUSTRIA

-1.12

116 KUWAIT

-1.14

56 JAPAN

-1.17

44 HONDURAS

-1.18

8 BOLIVIA

-1.20

17 CEYLON

-1.29

92 SPAIN

-1.47

57 JORDAN

-1.52

109 VENEZUELA

-1.55

4 ARGENTINA

-1.58

96 SYRIA

-1.61

24 COSTA RICA

-1.61

19 CHILE

-1.66

71 NEPAL

-1.84

52 ISRAEL

-1.92

40 GREECE

-2.22

61 LEBANON

-2.79

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LITTLE POLITICAL INSTABILITY, LONG NAT'L INDEPENDENCE, MUCH

DOMESTIC VIOLENCE,

LOW PER CAPITA INTERNAL SECURITY FORCE, AND NEW CURRENCY.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

21 DOMESTIC TURMOIL DISTANCE
.60
22 TOTAL AREA DISTANCE
.68

THESE I'S ARE:

VARIABLE NUMBER 4

95 SWITZERLAND
2.48
94 SWEDEN
1.93
45 HUNGARY
1.80
26 CYPRUS
1.70
17 CEYLON

1.61

71 NEPAL

1.61

79 PANAMA

1.56

51 IRELAND

1.48

29 DENMARK

1.46

97 THAILAND

1.36

27 CZECHOSLOVAKIA

1.33

6 AUSTRIA

1.33

12 BURUNDI

1.33

72 NETHERLANDS

1.33

84 PORTUGAL

1.31

85 ROMANIA

1.27

116 KUWAIT

1.14

77 NORWAY

1.11

10 BULGARIA

1.11

24 COSTA RICA

1.11

125 GUYANA

1.07

25 CUBA

.99

82 PHILIPPINES

.97

98 TOGO

.95

112 YEMEN

.93

75 NIGER

.91

58 NORTH KOREA

.89

36 GABON

.88

83 POLAND

.82

62 LIBERIA

.80

110 NORTH VIETNAM

.79

34 FINLAND

.76

16 CENTRAL AFRICAN REP

.69

54 IVORY COAST

.68

86 RWANDA

.65

2 ALBANIA

.63

108 URUGUAY

.61

102 UGANDA

.60

87 SAUDI ARABIA

.58

20 CHINA, PR

.53

115 GAMBIA

.51

42 GUINEA

.50

67 MAURITANIA

.49

73 NEW ZEALAND

.46

118 MALAWI

.45

96 SYRIA

.44

43 HAITI

.43

37 EAST GERMANY

.39

90 SOMALIA

.35

56 JAPAN

.32

126 MALAYSIA

.28

11 BURMA

.22

13 CAMBODIA

.22

1 AFGHANISTAN

.20

18 CHAD

.18

113 YUGOSLAVIA

.15

65 MALAGASY REP

.11

127 MALDIVE ISLANDS

.11

7 BELGIUM

.09

120 TANZANIA

.09

100 TUNISIA

.04

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LARGE POPULATION DENSITY, AND LITTLE DOMESTIC VIOLENCE.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

21 DOMESTIC TURMOIL CLOSENESS

.60

22 TOTAL AREA CLOSENESS

-.68

THESE I'S ARE:

41 GUATEMALA

-.01

128 BARBADOS

-.01

119 MALTA

-.06

31 ECUADOR

-.06

122 KENYA

-.10

53 ITALY

-.11

70 MOROCCO

-.19

38 WEST GERMANY

-.20

92 SPAIN

-.24

104 U.A.R.

-.25

14 CAMEROUN

-.26

55 JAMAICA

-.26

80 PARAGUAY

-.26

23 CONGO (LEO)

-.26

28 DAHOMEY

-.26

46 ICELAND

-.26

99 TRINIDAD

-.26

107 UPPER VOLTA

-.26

114 BOTSWANA

-.26

117 LESOTHO

-.26

64 LUXEMBOURG

-.26

66 MALI

-.26

123 W. SAMOA

-.26

50 IRAQ

-.28

40 GREECE

-.31

52 ISRAEL

-.33

69 MONGOLIA

-.39

68 MEXICO

-.41

33 ETHIOPIA

-.41

39 GHANA

-.43

74 NICARAGUA

-.45

109 VENEZUELA

-.58

124 SINGAPORE

-.63

19 CHILE

-.68

81 PERU

-.74

44 HONDURAS

-.79

49 IRAN

-.80

30 DOMINICAN REPUBLIC

-.80

59 SOUTH KOREA

-.83

48 INDONESIA

-.85

105 UNITED KINGDOM
-.90
76 NIGERIA
-.90
5 AUSTRALIA
-.91
111 SOUTH VIETNAM
-.91
93 SUDAN
-.92
63 LIBYA
-.94
15 CANADA
-.95
60 LAOS
-.97
103 U.S.S.R
-.97
57 JORDAN
-1.02
61 LEBANON
-1.03
101 TURKEY
-1.05
35 FRANCE
-1.05

32 EL SALVADOR
-1.12
88 SENEGAL
-1.16
8 BOLIVIA
-1.25
89 SIERRA LEONE
-1.29
78 PAKISTAN
-1.40
22 CONGO (BRA)
-1.41
91 SOUTH AFRICA
-1.44
3 ALGERIA
-1.48
47 INDIA
-1.49
121 ZAMBIA
-1.72
4 ARGENTINA
-1.89
21 COLOMBIA
-2.22
9 BRAZIL
-3.16

106 UNITED STATES

-3.23

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL POPULATION DENSITY, AND MUCH DOMESTIC VIOLENCE.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

19 ALL MAIL DISTANCE

+.72

13 RELIGIOUS CLOSENESS

.74

THESE I'S ARE:

VARIABLE NUMBER 5

50 IRAQ

2.12

39 GHANA

2.10

20 CHINA, PR

2.07

96 SYRIA

1.93

36 GABON

1.91

49 IRAN

1.80

118 MALAWI

1.78

110 NORTH VIETNAM

1.75

109 VENEZUELA

1.61

70 MOROCCO

1.46

11 BURMA

1.45

37 EAST GERMANY

1.43

3 ALGERIA

1.33

23 CONGO (LEO)

1.28

8 BOLIVIA

1.15

85 ROMANIA

1.15

87 SAUDI ARABIA
1.12
67 MAURITANIA
1.09
45 HUNGARY
1.08
25 CUBA
1.03
44 HONDURAS
1.02
43 HAITI
1.02
30 DOMINICAN REPUBLIC
1.00
63 LIBYA
.98
102 UGANDA
.95
58 NORTH KOREA
.93
41 GUATEMALA
.90
111 SOUTH VIETNAM
.89
116 KUWAIT
.88

112 YEMEN

.87

83 POLAND

.84

57 JORDAN

.82

71 NEPAL

.78

13 CAMBODIA

.76

88 SENEGAL

.74

100 TUNISIA

.73

54 IVORY COAST

.73

104 U.A.R.

.68

65 MALAGASY REP

.63

32 EL SALVADOR

.60

122 KENYA

.58

78 PAKISTAN

.57

76 NIGERIA
.56
74 NICARAGUA
.52
113 YUGOSLAVIA
.50
121 ZAMBIA
.45
17 CEYLON
.45
29 DENMARK
.44
89 SIERRA LEONE
.43
120 TANZANIA
.39
97 THAILAND
.34
103 U.S.S.R
.26
4 ARGENTINA
.22
33 ETHIOPIA
.15
38 WEST GERMANY
.15

94 SWEDEN
.13
21 COLOMBIA
.11
79 PANAMA
.10
19 CHILE
.09
124 SINGAPORE
.08
128 BARBADOS
.06
81 PERU
.04

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LOW ECONOMIC DEVELOPMENT, MUCH POLITICAL INSTABILITY,
NON-COMPETITIVE POLI-
TICAL SYSTEM, AND MANY EXECUTIVE ADJUSTMENTS.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

19 ALL MAIL CLOSENESS
-.72

13 RELIGIOUS DISTANCE

-.74

THESE I'S ARE:

18 CHAD

-.03

47 INDIA

-.07

59 SOUTH KOREA

-.08

16 CENTRAL AFRICAN REP

-.13

95 SWITZERLAND

-.17

42 GUINEA

-.17

119 MALTA

-.17

115 GAMBIA

-.18

92 SPAIN

-.20

125 GUYANA

-.22

69 MONGOLIA

-.23

61 LEBANON

-.30

48 INDONESIA

-.31

24 COSTA RICA

-.33

12 BURUNDI

-.33

31 ECUADOR

-.36

98 TOGO

-.49

56 JAPAN

-.50

108 URUGUAY

-.52

75 NIGER

-.60

84 PORTUGAL

-.63

10 BULGARIA

-.68

66 MALI

-.75

64 LUXEMBOURG

-.75

80 PARAGUAY

-.75

99 TRINIDAD

-.75

55 JAMAICA

-.75

107 UPPER VOLTA

-.75

28 DAHOMEY

-.75

14 CAMEROUN

-.75

114 BOTSWANA

-.75

117 LESOTHO

-.75

46 ICELAND

-.75

123 W. SAMOA

-.75

53 ITALY

-.75

68 MEXICO

-.76

93 SUDAN

-.80

40 GREECE

-.80

91 SOUTH AFRICA

-.81

9 BRAZIL

-.82

60 LAOS

-.82

15 CANADA

-.83

105 UNITED KINGDOM

-.84

1 AFGHANISTAN

-.84

86 RWANDA

-.86

126 MALAYSIA

-.86

7 BELGIUM

-.90

90 SOMALIA

-.96

27 CZECHOSLOVAKIA

-.97

52 ISRAEL

-1.03

77 NORWAY

-1.04

106 UNITED STATES

-1.08

127 MALDIVE ISLANDS

-1.12

62 LIBERIA

-1.17

22 CONGO (BRA)

-1.19

73 NEW ZEALAND

-1.36

72 NETHERLANDS

-1.51

82 PHILIPPINES

-1.55

2 ALBANIA

-1.57

34 FINLAND

-1.58

6 AUSTRIA

-1.58

35 FRANCE

-1.68

101 TURKEY

-1.83

51 IRELAND

-1.94

5 AUSTRALIA

-2.12

26 CYPRUS

-2.31

THEY TEND TO HAVE THE CHARACTERISTICS OF:
HIGH ECONOMIC DEVELOPMENT, LITTLE POLITICAL INSTABILITY, COMPETITIVE POLI-
ICAL SYSTEM, AND FEW EXECUTIVE ADJUSTMENTS.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

07 MILITARISM DISTANCE

.76

32 CONCENTRATION OF EXPORT RECEIVERS DISTANCE

.67

17 ETHNO-LINGUISTIC FRACTIONALIZATION CLOSENESS

.60

THESE I'S ARE:

VARIABLE NUMBER 6

68 MEXICO
2.34
81 PERU
1.94
82 PHILIPPINES
1.89
112 YEMEN
1.80
21 COLOMBIA
1.74
65 MALAGASY REP
1.71
23 CONGO (LEO)
1.70
17 CEYLON
1.70
24 COSTA RICA
1.57
31 ECUADOR
1.39
62 LIBERIA
1.34

22 CONGO (BRA)

1.33

61 LEBANON

1.33

76 NIGERIA

1.32

73 NEW ZEALAND

1.28

91 SOUTH AFRICA

1.27

36 GABON

1.21

116 KUWAIT

1.19

30 DOMINICAN REPUBLIC

1.13

15 CANADA

1.11

56 JAPAN

1.10

67 MAURITANIA

1.08

33 ETHIOPIA

.89

47 INDIA

.89

109 VENEZUELA
.82
6 AUSTRIA
.76
9 BRAZIL
.72
97 THAILAND
.70
71 NEPAL
.69
100 TUNISIA
.69
26 CYPRUS
.67
118 MALAWI
.64
115 GAMBIA
.64
37 EAST GERMANY
.63
43 HAITI
.63
72 NETHERLANDS
.59
78 PAKISTAN
.58

19 CHILE
.55
127 MALDIVE ISLANDS
.55
125 GUYANA
.52
5 AUSTRALIA
.51
39 GHANA
.49
79 PANAMA
.48
120 TANZANIA
.48
58 NORTH KOREA
.45
34 FINLAND
.43
74 NICARAGUA
.42
4 ARGENTINA
.41
89 SIERRA LEONE
.37
75 NIGER
.37

128 BARBADOS
.30
59 SOUTH KOREA
.26
8 BOLIVIA
.25
54 IVORY COAST
.19
85 ROMANIA
.19
13 CAMBODIA
.17
10 BULGARIA
.16
20 CHINA, PR
.13
64 LUXEMBOURG
.04
66 MALI
.00
14 CAMEROUN
.04
46 ICELAND
.04
80 PARAGUAY
.04

55 JAMAICA

.04

28 DAHOMEY

.04

99 TRINIDAD

.04

107 UPPER VOLTA

.04

114 BOTSWANA

.04

117 LESOTHO

.04

123 W. SAMOA

.04

3 ALGERIA

.01

70 MOROCCO

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:
FEW MILITARY PERSONNEL PER CAPITA, AND LOW CRUDE DEATH RATE.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

07 MILITARISM CLOSENESS

-.76

32 CONCENTRATION OF EXPORT RECEIVERS CLOSENESS

-.67

17 ETHNO-LINGUISTIC FRACTIONALIZATION DISTANCE

-.60

THESE I'S ARE:

102 UGANDA

-.01

27 CZECHOSLOVAKIA

-.10

110 NORTH VIETNAM

-.19

69 MONGOLIA

-.20

7 BELGIUM

-.23

88 SENEGAL

-.23

63 LIBYA

-.27

113 YUGOSLAVIA

-.30

87 SAUDI ARABIA
-.35
45 HUNGARY
-.37
83 POLAND
-.38
29 DENMARK
-.39
53 ITALY
-.41
51 IRELAND
-.43
92 SPAIN
-.43
42 GUINEA
-.43
121 ZAMBIA
-.44
2 ALBANIA
-.46
124 SINGAPORE
-.52
35 FRANCE
-.55
1 AFGHANISTAN
-.55

60 LAOS
-.55
122 KENYA
-.66
40 GREECE
-.71
77 NORWAY
-.72
101 TURKEY
-.79
25 CUBA
-.80
32 EL SALVADOR
-.81
44 HONDURAS
-.83
84 PORTUGAL
-.83
111 SOUTH VIETNAM
-.84
119 MALTA
-.88
108 URUGUAY
-.90
49 IRAN
-.93

18 CHAD

-.96

11 BURMA

-1.05

41 GUATEMALA

-1.09

38 WEST GERMANY

-1.10

48 INDONESIA

-1.14

90 SOMALIA

-1.25

86 RWANDA

-1.25

94 SWEDEN

-1.30

105 UNITED KINGDOM

-1.33

93 SUDAN

-1.35

98 TOGO

-1.39

12 BURUNDI

-1.47

104 U.A.R.

-1.55

50 IRAQ

-1.59

57 JORDAN

-1.66

16 CENTRAL AFRICAN REP

-1.66

95 SWITZERLAND

-1.72

106 UNITED STATES

-1.74

126 MALAYSIA

-1.93

103 U.S.S.R

-2.17

96 SYRIA

-2.38

52 ISRAEL

-2.69

THEY TEND TO HAVE THE CHARACTERISTICS OF:
MANY MILITARY PERSONNEL PER CAPITA, AND HIGH CRUDE DEATH RATE.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

16 FIXED PRICES GNP GROWTH RATE CLOSENESS

.74

33 ORTHODOX COMMUNITY CLOSENESS

.63

THESE I'S ARE:

VARIABLE NUMBER 7

113 YUGOSLAVIA

2.60

30 DOMINICAN REPUBLIC

2.60

85 ROMANIA

2.35

83 POLAND

2.00

45 HUNGARY

1.89

33 ETHIOPIA

1.81

10 BULGARIA

1.73

89 SIERRA LEONE

1.65

65 MALAGASY REP
1.63
41 GUATEMALA
1.59
120 TANZANIA
1.53
27 CZECHOSLOVAKIA
1.49
8 BOLIVIA
1.46
101 TURKEY
1.37
34 FINLAND
1.25
24 COSTA RICA
1.24
40 GREECE
1.22
2 ALBANIA
1.11
121 ZAMBIA
1.03
44 HONDURAS
1.03
32 EL SALVADOR
1.00

61 LEBANON

.98

68 MEXICO

.88

43 HAITI

.72

93 SUDAN

.65

35 FRANCE

.64

108 URUGUAY

.63

11 BURMA

.63

84 PORTUGAL

.59

26 CYPRUS

.59

16 CENTRAL AFRICAN REP

.59

58 NORTH KOREA

.49

4 ARGENTINA

.48

36 GABON

.48

6 AUSTRIA

.48

111 SOUTH VIETNAM

.45

12 BURUNDI

.44

104 U.A.R.

.39

102 UGANDA

.37

19 CHILE

.34

74 NICARAGUA

.32

52 ISRAEL

.32

18 CHAD

.31

122 KENYA

.30

106 UNITED STATES

.30

79 PANAMA

.29

59 SOUTH KOREA

.28

37 EAST GERMANY

.26

100 TUNISIA

.22

71 NEPAL

.19

55 JAMAICA

.08

64 LUXEMBOURG

.08

66 MALI

.08

46 ICELAND

.08

80 PARAGUAY

.08

99 TRINIDAD

.08

14 CAMEROUN

.08

107 UPPER VOLTA

.08

114 BOTSWANA

.08

117 LESOTHO

.08

28 DAHOMEY

.08

123 W. SAMOA

.08

15 CANADA

.08

57 JORDAN

.07

115 GAMBIA

.06

62 LIBERIA

.03

69 MONGOLIA

.03

48 INDONESIA

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:
SMALL GNP GROWTH RATE AT FIXED PRICES

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

16 FIXED PRICES GNP GROWTH RATE DISTANCE

-.74

33 ORTHODOX COMMUNITY DISTANCE

-.63

THESE I'S ARE:

9 BRAZIL

-.00

103 U.S.S.R

-.04

128 BARBADOS

-.05

86 RWANDA

-.09

88 SENEGAL

-.16

98 TOGO

-.18

126 MALAYSIA

-.20

13 CAMBODIA

-.22

96 SYRIA

-.22

112 YEMEN

-.24

67 MAURITANIA

-.30

78 PAKISTAN

-.32

110 NORTH VIETNAM

-.33

31 ECUADOR

-.35

91 SOUTH AFRICA

-.37

17 CEYLON

-.37

7 BELGIUM

-.37

50 IRAQ

-.38

51 IRELAND

-.39

77 NORWAY

-.44

118 MALAWI

-.45

23 CONGO (LEO)

-.45

97 THAILAND

-.47

47 INDIA

-.49

42 GUINEA

-.53

49 IRAN

-.54

39 GHANA

-.57

125 GUYANA

-.58

75 NIGER

-.59

76 NIGERIA

-.64

63 LIBYA

-.66

95 SWITZERLAND

-.66

119 MALTA

-.69

127 MALDIVE ISLANDS

-.71

1 AFGHANISTAN

-.74

72 NETHERLANDS

-.74

73 NEW ZEALAND

-.75

53 ITALY

-.83

3 ALGERIA

-.84

5 AUSTRALIA

-.84

81 PERU

-.84

82 PHILIPPINES

-.96

20 CHINA, PR

-1.05

21 COLOMBIA

-1.06

60 LAOS

-1.07

124 SINGAPORE

-1.20

94 SWEDEN

-1.21

54 IVORY COAST

-1.22

90 SOMALIA

-1.34

25 CUBA

-1.40

109 VENEZUELA

-1.59

29 DENMARK

-1.61

87 SAUDI ARABIA

-1.61

105 UNITED KINGDOM

-1.69

22 CONGO (BRA)

-1.77

92 SPAIN

-1.82

116 KUWAIT

-1.94

70 MOROCCO

-1.98

56 JAPAN

-2.01

38 WEST GERMANY

-3.22

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LARGE GNP GROWTH RATE AT FIXED PRICES.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 8

11 INTERNAL SECURITY FORCES DISTANCE

.77

THESE I'S ARE:

VARIABLE NUMBER 8

73 NEW ZEALAND

2.50

1 AFGHANISTAN

2.43

20 CHINA, PR

2.24

103 U.S.S.R

2.23

74 NICARAGUA

1.91

93 SUDAN

1.76

71 NEPAL

1.73

83 POLAND

1.61

87 SAUDI ARABIA

1.55

5 AUSTRALIA

1.49

109 VENEZUELA

1.47

13 CAMBODIA

1.42

96 SYRIA

1.42

61 LEBANON

1.31

25 CUBA

1.26

59 SOUTH KOREA

1.26

52 ISRAEL

1.23

33 ETHIOPIA

1.16

106 UNITED STATES

1.11

42 GUINEA

.97

39 GHANA

.95

36 GABON

.90

15 CANADA

.89

125 GUYANA

.87

108 URUGUAY

.86

26 CYPRUS

.77

101 TURKEY

.68

58 NORTH KOREA

.66

67 MAURITANIA

.62

56 JAPAN

.58

90 SOMALIA

.53

30 DOMINICAN REPUBLIC

.47

46 ICELAND

.46

```
   55  JAMAICA
.46
   28  DAHOMEY
.46
   14  CAMEROUN
.46
   64  LUXEMBOURG
.46
   66  MALI
.46
   80  PARAGUAY
.46
   99  TRINIDAD
.46
  107  UPPER VOLTA
.46
  114  BOTSWANA
.46
  117  LESOTHO
.46
  123  W. SAMOA
.46
   31  ECUADOR
.46
   27  CZECHOSLOVAKIA
.45
```

118 MALAWI
.44
62 LIBERIA
.44
60 LAOS
.42
24 COSTA RICA
.42
75 NIGER
.41
95 SWITZERLAND
.36
22 CONGO (BRA)
.36
84 PORTUGAL
.32
23 CONGO (LEO)
.31
17 CEYLON
.27
50 IRAQ
.18
76 NIGERIA
.16
82 PHILIPPINES
.15

128 BARBADOS

.11

120 TANZANIA

.11

88 SENEGAL

.10

7 BELGIUM

.03

THEY TEND TO HAVE THE CHARACTERISTICS OF:

MANY MILITARY PERSONNEL PER CAPITA.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO I'S WITH THE CHARACTERISTICS, RELATIVE TO 1, OF:

VARIABLE NUMBER 8

11 INTERNAL SECURITY FORCES CLOSENESS

-.77

THESE I'S ARE:

47 INDIA

-.01

124 SINGAPORE

-.01

35 FRANCE

-.03

49 IRAN

-.03

19 CHILE

-.04

45 HUNGARY

-.09

85 ROMANIA

-.15

91 SOUTH AFRICA

-.18

11 BURMA

-.18

48 INDONESIA

-.25

104 U.A.R.

-.31

79 PANAMA

-.31

57 JORDAN

-.31

65 MALAGASY REP

-.36

10 BULGARIA

-.38

100 TUNISIA

-.41

1 5 UNITED KINGDOM

-.41

111 SOUTH VIETNAM

-.42

53 ITALY

-.43

98 TOGO

-.46

40 GREECE

-.48

121 ZAMBIA

-.48

44 HONDURAS

-.52

77 NORWAY

-.52

110 NORTH VIETNAM

-.55

38 WEST GERMANY

-.57

115 GAMBIA

-.61

113 YUGOSLAVIA

-.62

89 SIERRA LEONE

-.62

97 THAILAND

-.62

94 SWEDEN

-.63

4 ARGENTINA

-.64

18 CHAD

-.67

86 RWANDA

-.72

34 FINLAND

-.72

43 HAITI

-.73

8 BOLIVIA

-.73

51 IRELAND

-.73

29 DENMARK

-.78

72 NETHERLANDS

-.80

122 KENYA

-.81

63 LIBYA

-.83

70 MOROCCO

-.91

3 ALGERIA

-.97

78 PAKISTAN

-1.02

69 MONGOLIA

-1.03

127 MALDIVE ISLANDS

-1.06

81 PERU

-1.09

112 YEMEN

-1.09

32 EL SALVADOR

-1.14

119 MALTA

-1.15

41 GUATEMALA

-1.25

54 IVORY COAST

-1.38

68 MEXICO

-1.38

102 UGANDA

-1.42

37 EAST GERMANY

-1.45

16 CENTRAL AFRICAN REP

-1.49

21 COLOMBIA

-1.51

12 BURUNDI

-1.57

2 ALBANIA

-1.71

9 BRAZIL

-1.74

116 KUWAIT

-1.97

6 AUSTRIA

-1.97

126 MALAYSIA

-2.22

92 SPAIN

-2.24

THEY TEND TO HAVE THE CHARACTERISTICS OF:

FEW MILITARY PERSONNEL PER CAPITA.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

20 POLITICAL PARTY FRACTIONALIZATION CLOSENESS
.84

03 POLITICAL DISTANCE
.61

THESE I'S ARE:

VARIABLE NUMBER 9

49 IRAN
2.14

63 LIBYA
2.04

86 RWANDA
2.02

48 INDONESIA
1.92

1 AFGHANISTAN
1.79

32 EL SALVADOR
1.67

75 NIGER

1.64

108 URUGUAY

1.64

4 ARGENTINA

1.59

26 CYPRUS

1.54

21 COLOMBIA

1.41

9 BRAZIL

1.39

67 MAURITANIA

1.27

12 BURUNDI

1.20

42 GUINEA

1.18

31 ECUADOR

1.17

33 ETHIOPIA

1.16

97 THAILAND

1.14

36 GABON

1.08

25 CUBA

1.03

19 CHILE

1.03

8 BOLIVIA

1.01

5 AUSTRALIA

.97

121 ZAMBIA

.95

27 CZECHOSLOVAKIA

.93

[illegible] BURMA

.93

79 PANAMA

.93

98 TOGO

.87

6 AUSTRIA

.78

111 SOUTH VIETNAM

.76

20 CHINA, PR

.74

10 BULGARIA

.74

82 PHILIPPINES

.70

126 MALAYSIA

.63

54 IVORY COAST

.60

2 ALBANIA

.59

44 HONDURAS

.55

83 POLAND

.50

60 LAOS

.50

62 LIBERIA

.48

43 HAITI

.46

68 MEXICO

.42

57 JORDAN

.42

92 SPAIN

.39

87 SAUDI ARABIA

.33

30 DOMINICAN REPUBLIC

.33

84 PORTUGAL

.33

51 IRELAND

.28

85 ROMANIA

.23

69 MONGOLIA

.19

109 VENEZUELA

.18

59 SOUTH KOREA

.16

41 GUATEMALA

.13

88 SENEGAL

.12

73 NEW ZEALAND

.10

24 COSTA RICA

.10

38 WEST GERMANY

.09

119 MALTA

.08

15 CANADA

.05

45 HUNGARY

.02

124 SINGAPORE

.00

THEY TEND TO HAVE THE CHARACTERISTICS OF:

NON-COMPETITIVE POLITICAL SYSTEM, LARGE POPULATION GROWTH RATE, LARGE

CHRISTIAN COMMUNITY, LOW PER CAPITA SCHOOL ENROLLMENT.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

20 POLITICAL PARTY FRACTIONALIZATION DISTANCE

-.84

03 POLITICAL CLOSENESS

-.61

THESE I'S ARE:

103 U.S.S.R

-.01

3 ALGERIA

-.01

50 IRAQ

-.04

66 MALI

-.05

64 LUXEMBOURG

-.05

55 JAMAICA

-.05

80 PARAGUAY

-.05

28 DAHOMEY

-.05

99 TRINIDAD

-.05

107 UPPER VOLTA

-.05

14 CAMEROUN

-.05

46 ICELAND

-.05

114 BOTSWANA

-.05

117 LESOTHO

-.05

123 W. SAMOA

-.05

90 SOMALIA

-.05

77 NORWAY

-.08

89 SIERRA LEONE

-.10

13 CAMBODIA

-.13

7 BELGIUM

-.19

95 SWITZERLAND

-.21

23 CONGO (LEO)

-.25

57 EAST GERMANY

-.26

120 TANZANIA

-.36

81 PERU

-.37

29 DENMARK

-.38

61 LEBANON

-.38

112 YEMEN

-.40

116 KUWAIT

-.41

58 NORTH KOREA

-.45

72 NETHERLANDS

-.48

93 SUDAN

-.51

110 NORTH VIETNAM

-.55

35 FRANCE

-.55

74 NICARAGUA

-.65

96 SYRIA

-.68

91 SOUTH AFRICA

-.74

78 PAKISTAN

-.75

17 CEYLON

-.77

70 MOROCCO

-.78

22 CONGO (BRA)

-.79

94 SWEDEN

-.85

71 NEPAL

-.89

47 INDIA

-.91

127 MALDIVE ISLANDS

-.92

76 NIGERIA

-.93

104 U.A.R.

-.95

118 MALAWI

-1.12

105 UNITED KINGDOM

-1.16

34 FINLAND

-1.19

53 ITALY

-1.19

39 GHANA

-1.24

52 ISRAEL

-1.25

115 GAMBIA

-1.31

40 GREECE

-1.32

56 JAPAN

-1.37

122 KENYA

-1.46

102 UGANDA

-1.48

65 MALAGASY REP

-1.63

106 UNITED STATES

-1.72

18 CHAD

-1.80

128 BARBADOS

-1.89

113 YUGOSLAVIA

-2.00

125 GUYANA

-2.07

16 CENTRAL AFRICAN REP

-2.18

101 TURKEY

-2.45

100 TUNISIA

-2.47

THEY TEND TO HAVE THE CHARACTERISTICS OF:
COMPETITIVE POLITICAL SYSTEM, SMALL POPULATION GROWTH RATE, SMALL CHRISTIAN
COMMUNITY, HIGH PER CAPITA SCHOOL ENROLLMENT..

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 10

24 INFANT MORTALITY CLOSENESS
.65
09 POPULATION GROWTH RATE CLOSENESS
+.71

THESE I'S ARE:

VARIABLE NUMBER 10

37 EAST GERMANY
2.31
7 BELGIUM
2.20
29 DENMARK

2.01

38 WEST GERMANY

1.85

77 NORWAY

1.70

34 FINLAND

1.70

45 HUNGARY

1.51

6 AUSTRIA

1.41

32 EL SALVADOR

1.33

30 DOMINICAN REPUBLIC

1.27

127 MALDIVE ISLANDS

1.21

106 UNITED STATES

1.18

105 UNITED KINGDOM

1.18

35 FRANCE

1.16

118 MALAWI

1.15

15 CANADA

1.14

103 U.S.S.R

1.06

27 CZECHOSLOVAKIA

1.05

113 YUGOSLAVIA

.97

85 ROMANIA

.97

62 LIBERIA

.97

92 SPAIN

.96

36 GABON

.92

94 SWEDEN

.90

95 SWITZERLAND

.89

83 POLAND

.85

5 AUSTRALIA

.84

67 MAURITANIA

.81

10 BULGARIA

.77

72 NETHERLANDS

.76

119 MALTA

.75

48 INDONESIA

.74

33 ETHIOPIA

.73

22 CONGO (BRA)

.72

56 JAPAN

.69

112 YEMEN

.68

44 HONDURAS

.65

43 HAITI

.64

13 CAMBODIA

.62

17 CEYLON

.57

53 ITALY

.57

4 ARGENTINA

.55

1 AFGHANISTAN

.52

59 SOUTH KOREA

.50

8 BOLIVIA

.45

84 PORTUGAL

.44

3 ALGERIA

.38

110 NORTH VIETNAM

.35

120 TANZANIA

.33

126 MALAYSIA

.33

60 LAOS

.32

41 GUATEMALA

.28

78 PAKISTAN

.27

87 SAUDI ARABIA

.25

88 SENEGAL

.24

42 GUINEA

.24

71 NEPAL

.20

25 CUBA

.20

23 CONGO (LEO)

.16

61 LEBANON

.11

9 BRAZIL

.05

11 BURMA

.05

111 SOUTH VIETNAM

.05

70 MOROCCO

.05

69 MONGOLIA

.02

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL POPULATION GROWTH RATE, LOW PER CAPITA SCHOOL ENROLLMENT.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH

COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 10

24 INFANT MORTALITY DISTANCE

-.65

09 POPULATION GROWTH RATE DISTANCE

-.71

THESE I'S ARE:

97 THAILAND

-.04

28 DAHOMEY

-.04

64 LUXEMBOURG

-.04

80 PARAGUAY

-.04

46 ICELAND

-.04

55 JAMAICA

-.04

66 MALI

-.04

99 TRINIDAD

-.04

107 UPPER VOLTA

-.04

14 CAMEROON

-.04

114 BOTSWANA

-.04

117 LESOTHO

-.04

123 W. SAMOA

-.04

74 NICARAGUA

-.06

98 TOGO

-.11

47 INDIA

-.14

100 TUNISIA

-.14

73 NEW ZEALAND

-.16

115 GAMBIA

-.25

52 ISRAEL

-.28

76 NIGERIA

-.28

65 MALAGASY REP

-.30

40 GREECE

-.33

89 SIERRA LEONE

-.34

116 KUWAIT

-.39

124 SINGAPORE

-.40

121 ZAMBIA

-.43

75 NIGER

-.62

21 COLOMBIA

-.64

91 SOUTH AFRICA

-.64

104 U.A.R.

-.69

58 NORTH KOREA

-.70

20 CHINA, PR

-.76

90 SOMALIA

-.77

31 ECUADOR

-.83

63 LIBYA

-.85

93 SUDAN

-.85

50 IRAQ

-.90

49 IRAN

-.92

102 UGANDA

-.98

12 BURUNDI

-1.00

39 GHANA

-1.06

18 CHAD

-1.13

51 IRELAND

-1.26

122 KENYA

-1.33

81 PERU

-1.39

108 URUGUAY

-1.41

82 PHILIPPINES

-1.43

101 TURKEY

-1.45

54 IVORY COAST

-1.45

128 BARBADOS

-1.49

24 COSTA RICA

-1.50

86 RWANDA

-1.50

19 CHILE

-1.52

109 VENEZUELA

-1.68

96 SYRIA

-1.76

26 CYPRUS

-1.76

68 MEXICO

-1.77

125 GUYANA

-1.81

16 CENTRAL AFRICAN REP

-1.94

57 JORDAN

-1.95

79 PANAMA

-2.25

2 ALBANIA

-2.59

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LARGE POPULATION GROWTH RATE, HIGH PER CAPITA SCHOOL ENROLLMENT.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 11

23 PER CAPITA ENERGY CONSUMPTION GROWTH RATE DISTANCE

.71

25 AGE OF CURRENCY CLOSENESS

.64

15 GNP GROWTH RATE CLOSENESS

+.56

THESE I'S ARE:

VARIABLE NUMBER 11

85 ROMANIA
2.73
45 HUNGARY
2.03
10 BULGARIA
1.87
116 KUWAIT
1.82
119 MALTA
1.81
75 NIGER
1.74
109 VENEZUELA
1.66
88 SENEGAL
1.56
89 SIERRA LEONE
1.54
92 SPAIN
1.53
13 CAMBODIA
1.49
113 YUGOSLAVIA
1.47
111 SOUTH VIETNAM

1.44

128 BARBADOS

1.42

103 U.S.S.R

1.41

81 PERU

1.41

59 SOUTH KOREA

1.40

118 MALAWI

1.34

124 SINGAPORE

1.28

90 SOMALIA

1.27

112 YEMEN

1.24

40 GREECE

1.21

83 POLAND

1.20

42 GUINEA

1.07

101 TURKEY

1.06

54 IVORY COAST

1.01

60 LAOS

.89

31 ECUADOR

.77

93 SUDAN

.76

49 IRAN

.62

48 INDONESIA

.57

97 THAILAND

.56

1 AFGHANISTAN

.55

82 PHILIPPINES

.52

115 GAMBIA

.51

27 CZECHOSLOVAKIA

.51

38 WEST GERMANY

.48

102 UGANDA

.48

106 UNITED STATES

.46

18 CHAD

.41

24 COSTA RICA

.38

6 AUSTRIA

.37

72 NETHERLANDS

.35

52 ISRAEL

.31

8 BOLIVIA

.29

125 GUYANA

.28

57 JORDAN

.21

37 EAST GERMANY

.20

104 U.A.R.

.19

100 TUNISIA

.17

2 ALBANIA

.16

126 MALAYSIA

.15

76 NIGERIA

.10

79 PANAMA

.01

63 LIBYA

.00

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LARGE GNP GROWTH RATE, LARGE HEALTH EXPENDITURE AS PERCENT OF GNP,
MANY ELECTIONS, AND NEW CURRENCY.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 11

23 PER CAPITA ENERGY CONSUMPTION GROWTH RATE CLOSENESS

.71

25 AGE OF CURRENCY DISTANCE

-.64

15 GNP GROWTH RATE DISTANCE

-.56

THESE I'S ARE:

73 NEW ZEALAND

-.00

121 ZAMBIA

-.01

120 TANZANIA

-.03

9 BRAZIL

-.04

87 SAUDI ARABIA

-.05

127 MALDIVE ISLANDS

-.07

21 COLOMBIA

-.09

110 NORTH VIETNAM

-.12

122 KENYA

-.15

33 ETHIOPIA

-.18

66 MALI

-.20

80 PARAGUAY

-.20

99 TRINIDAD

-.20

28 DAHOMEY

-.20

107 UPPER VOLTA

-.20

55 JAMAICA

-.20

114 BOTSWANA

-.20

117 LESOTHO

-.20

64 LUXEMBOURG

-.20

123 W. SAMOA

-.20

46 ICELAND

-.20

14 CAMEROUN

-.20

36 GABON

-.22

22 CONGO (BRA)

-.22

105 UNITED KINGDOM

-.23

77 NORWAY

-.35

30 DOMINICAN REPUBLIC

-.40

98 TOGO

-.42

39 GHANA

-.42

91 SOUTH AFRICA

-.42

26 CYPRUS

-.46

34 FINLAND

-.47

84 PORTUGAL

-.47

47 INDIA

-.50

19 CHILE

-.50

5 AUSTRALIA

-.52

67 MAURITANIA

-.52

70 MOROCCO

-.53

68 MEXICO

-.57

74 NICARAGUA

-.59

61 LEBANON

-.60

29 DENMARK

-.63

56 JAPAN

-.65

12 BURUNDI

-.66

4 ARGENTINA

-.66

20 CHINA, PR

-.68

62 LIBERIA

-.69

17 CEYLON

-.71

7 BELGIUM

-.80

94 SWEDEN

-.93

51 IRELAND

-.97

23 CONGO (LEO)

-.99

41 GUATEMALA

-1.03

16 CENTRAL AFRICAN REP

-1.08

50 IRAQ

-1.11

32 EL SALVADOR

-1.11

71 NEPAL

-1.11

78 PAKISTAN

-1.13

96 SYRIA

-1.15

53 ITALY

-1.16

25 CUBA

-1.17

69 MONGOLIA

-1.18

95 SWITZERLAND

-1.31

15 CANADA

-1.34

108 URUGUAY

-1.34

86 RWANDA

-1.42

44 HONDURAS

-1.50

58 NORTH KOREA

-1.53

43 HAITI

-1.57

3 ALGERIA

-1.67

35 FRANCE

-1.81

11 BURMA

-2.27

65 MALAGASY REP

-3.31

THEY TEND TO HAVE THE CHARACTERISTICS OF:
SMALL GNP GROWTH RATE, SMALL HEALTH EXPENDITURE, FEW ELECTIONS, AND OLD
CURRENCY.

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 12

30 CONCENTRATION OF EXPORT COMMODITIES CLOSENESS
.81
27 CRUDE DEATH RATE CLOSENESS
.53
THESE I'S ARE:

VARIABLE NUMBER 12

84 PORTUGAL
2.61
76 NIGERIA
2.25
37 EAST GERMANY
2.13
91 SOUTH AFRICA
2.11
9 BRAZIL
2.08
71 NEPAL
1.94
38 WEST GERMANY
1.91
120 TANZANIA
1.65
25 CUBA

1.47

93 SUDAN

1.42

70 MOROCCO

1.42

92 SPAIN

1.40

20 CHINA, PR

1.40

95 SWITZERLAND

1.39

47 INDIA

1.35

86 RWANDA

1.33

45 HUNGARY

1.33

112 YEMEN

1.22

4 ARGENTINA

1.14

26 CYPRUS

1.08

59 SOUTH KOREA

1.07

51 IRELAND

1.04

68 MEXICO

.99

57 JORDAN

.99

96 SYRIA

.96

78 PAKISTAN

.95

89 SIERRA LEONE

.89

54 IVORY COAST

.86

40 GREECE

.82

65 MALAGASY REP

.69

48 INDONESIA

.69

27 CZECHOSLOVAKIA

.68

12 BURUNDI

.66

43 HAITI

.63

16 CENTRAL AFRICAN REP

.57

3 ALGERIA

.53

6 AUSTRIA

.49

24 COSTA RICA

.42

39 GHANA

.32

60 LAOS

.30

83 POLAND

.22

36 GABON

.18

85 ROMANIA

.18

106 UNITED STATES

.17

101 TURKEY

.15

119 MALTA

.14

62 LIBERIA

.13

103 U.S.S.R

.10

67 MAURITANIA

.10

102 UGANDA

.09

100 TUNISIA

.07

29 DENMARK

.07

111 SOUTH VIETNAM

.05

15 CANADA

.02

11 BURMA

.02

108 URUGUAY

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:
HIGH POWER BASE, SMALL POPULATION GROWTH RATE, AND FEW MILITARY PERSONNEL
PER CAPITA.

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 12

30 CONCENTRATION OF EXPORT COMMODITIES DISTANCE

-.81

27 CRUDE DEATH RATE DISTANCE

-.53

THESE I'S ARE:

28 DAHOMEY

-.03

64 LUXEMBOURG

-.03

66 MALI

-.03

55 JAMAICA

-.03

80 PARAGUAY

-.03

14 CAMEROUN

-.03

99 TRINIDAD

-.03

107 UPPER VOLTA

-.03

114 BOTSWANA

-.03

117 LESOTHO

-.03

46 ICELAND

-.03

123 W. SAMOA

-.03

121 ZAMBIA

-.06

10 BULGARIA

-.06

18 CHAD

-.11

82 PHILIPPINES

-.18

113 YUGOSLAVIA

-.18

23 CONGO (LEO)

-.19

73 NEW ZEALAND

-.20

125 GUYANA

-.20

90 SOMALIA

-.22

1 AFGHANISTAN

-.24

118 MALAWI

-.25

19 CHILE

-.26

52 ISRAEL

-.28

42 GUINEA

-.30

77 NORWAY

-.31

128 BARBADOS

-.31

74 NICARAGUA

-.32

35 FRANCE

-.34

122 KENYA

-.34

56 JAPAN

-.37

81 PERU

-.39

31 ECUADOR

-.41

126 MALAYSIA

-.42

105 UNITED KINGDOM

-.46

75 NIGER

-.49

8 BOLIVIA

-.57

88 SENEGAL

-.58

21 COLOMBIA

-.59

97 THAILAND

-.60

34 FINLAND

-.60

109 VENEZUELA

-.62

33 ETHIOPIA

-.77

61 LEBANON

-.80

79 PANAMA

-.86

50 IRAQ

-.87

94 SWEDEN

-.90

5 AUSTRALIA

-.90

104 U.A.R.

-.97

116 KUWAIT

-.99

7 BELGIUM

-1.00

98 TOGO

-1.03

17 CEYLON

-1.06

124 SINGAPORE

-1.08

72 NETHERLANDS

-1.15

32 EL SALVADOR

-1.16

69 MONGOLIA

-1.17

127 MALDIVE ISLANDS

-1.19

87 SAUDI ARABIA

-1.20

49 IRAN

-1.38

44 HONDURAS

-1.40

115 GAMBIA

-1.43

41 GUATEMALA

-1.60

13 CAMBODIA

-1.62

22 CONGO (BRA)

-1.66

63 LIBYA

-1.76

110 NORTH VIETNAM

-1.90

30 DOMINICAN REPUBLIC

-1.97

53 ITALY

-1.98

2 ALBANIA

-2.08

58 NORTH KOREA

-2.20

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL POWER BASE, LARGE POPULATION GROWTH RATE, AND MANY MILITARY PERSONNEL